

09169190-100000

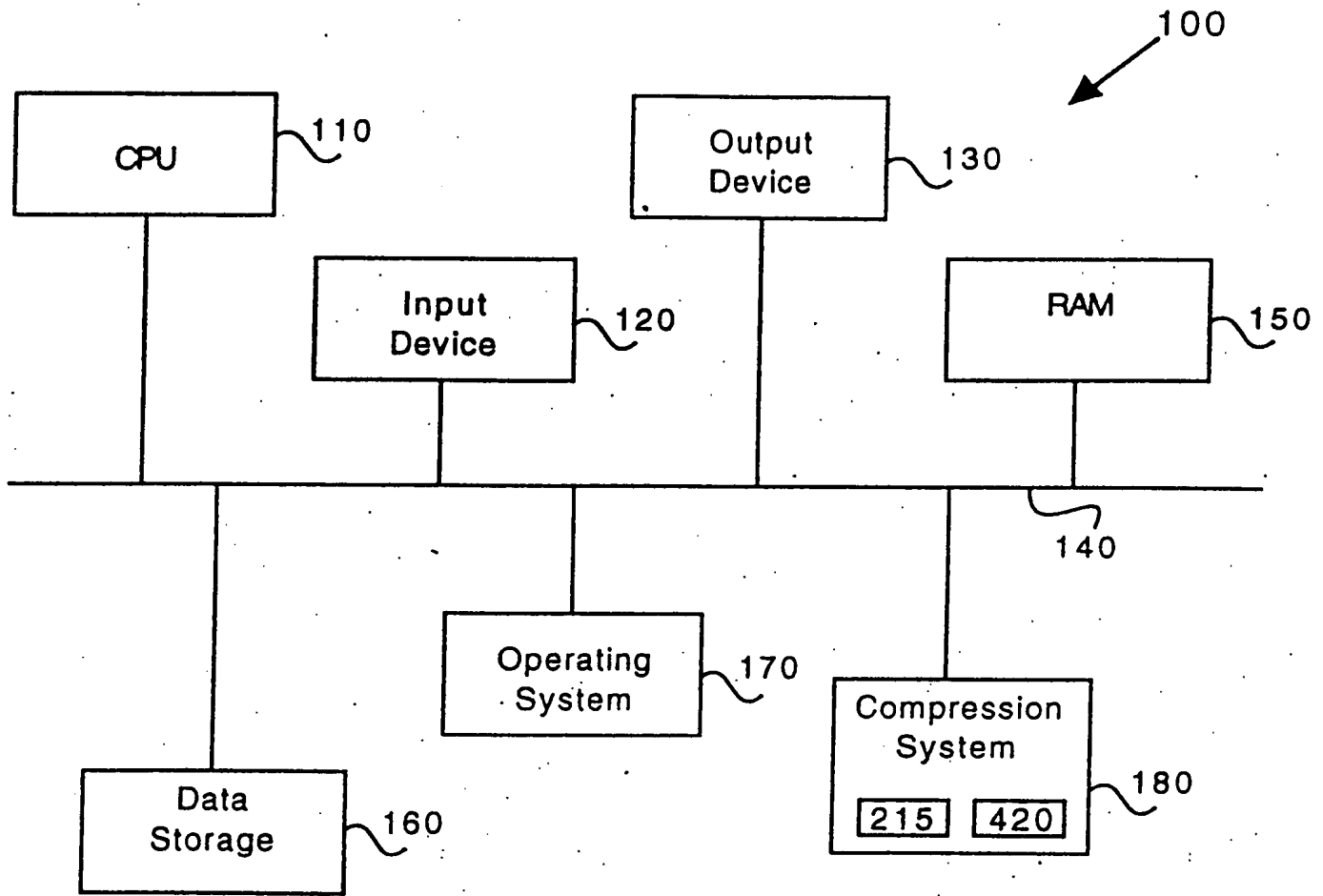


FIG. 1

7

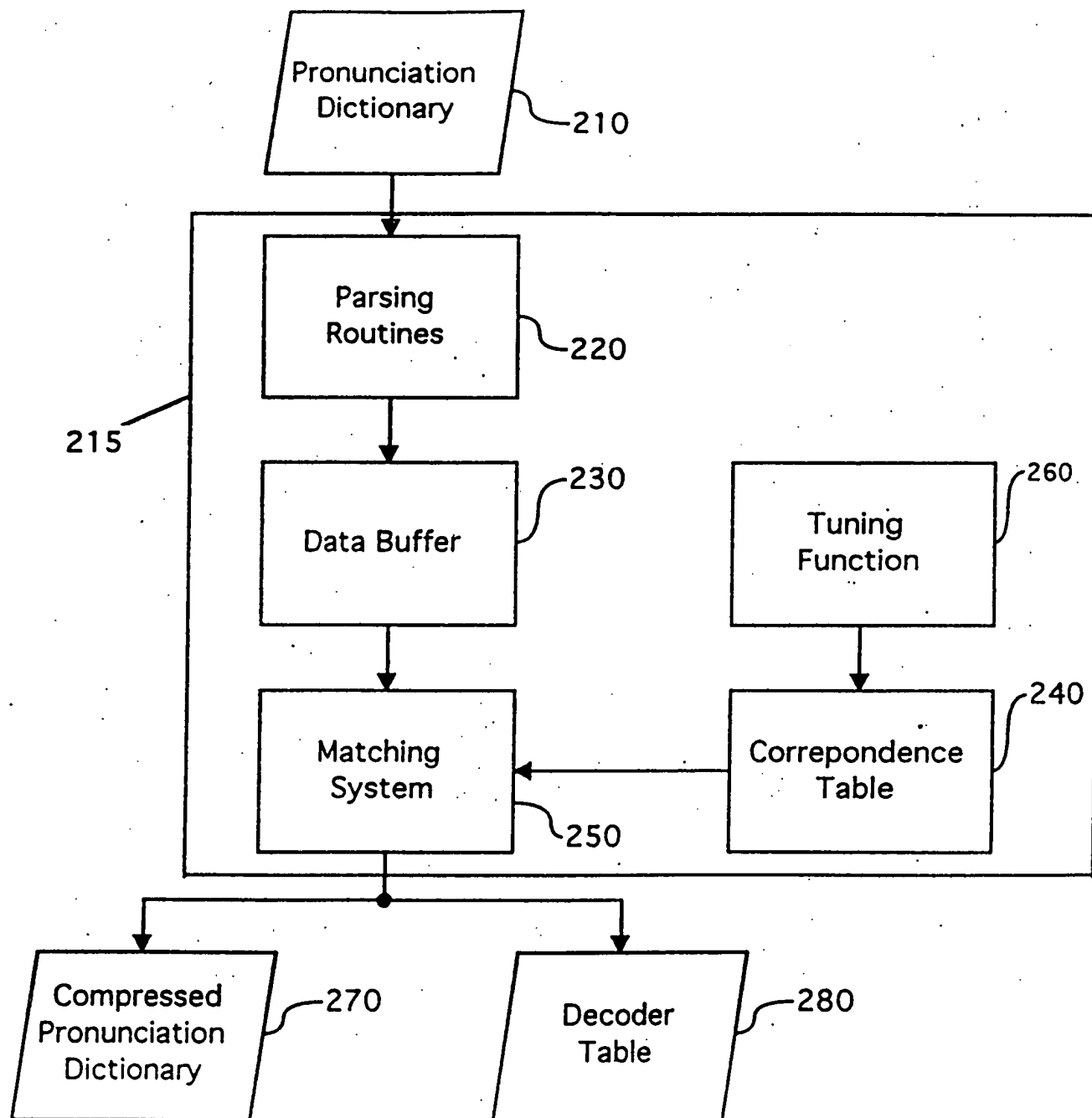


FIG. 2

240

Phoneme(s)	Text Entry	Symbol
AE	ai	(1)
AE	a	(2)
EY	ai	(3)
EY	ae	(4)
EY	ay	(5)
EY	a	
EY	ey	
EY	e	
AO	au	
AO	a	(10)
AO	oa	
AO	ou	
AO	o	
AX ^k	c	
AX ^l	l	
AX ^m	m	
AX	a	
AX	e	
AX	ia	
AX	i	(20)
AX	o	
AX	u	
AX	y	
AX	y'	
IY ^{IX}	u	
IY	ae	
IY	ea	
IY	ee	
IY	eo	
IY	ey	(30)
IY	e	
IY	ie	
IY	i	
IY	oe	
IY	y	
EH	ae	
EH	ai	
EH	a	
EH	ea	
EH	e	(40)
EH	u	
IH	a	
IH	e	
IH	i	
IH	o	
IH	u	
IH	y	
AY	ae	
AY	ai	(50)
AY	a	
AY	i	
AY	y	
IX ^l	le	
IX ⁿ	n'	
IX	ae	
IX	a	
IX	eeu	
IX	ea	

Phoneme(s)	Text Entry	Symbol
IX	e	
IX	lou	(60)
IX	lo	
IX	la	
IX	l	
IX	ou	
IX	o	
IX	u	
IX	y	
IX	y'	
AA	aa	
AA	a'	(70)
AA	e	
AA	ow	
AA	o	
UW	ew	
UW	oo	
UW	ou	
UW	o	
UW	u	
UH ^l	le	
UH	e	(80)
UH	ee	
UH	oo	
UH	o	
UH	u	
UX ^r	r	
UX	a	
UX	eu	
UX	e	
UX	i	
UX	ou	
UX	o	(90)
UX	u	
UX	y	
OW	au	
OW	a	
OW	ew	
OW	oa	
OW	ou	
OW	ow	
OW	o	
AW	ao	(100)
AW	au	
AW	a	
AW	ou	
AW	ow	
OY	aw	
OY	oi	
OY	oy	
b	bb	
b	b	
C	ch	(110)
C	c	
C	s	
C	tch	
C	t	
d	dd	

Phoneme(s)	Text Entry	Symbol
d	d	
d	ed	
d	tt	
d	t	
D	th	(120)
f	ff	
f	f	
f	gh	
f	ph	
gz	x	
gZ	x	
g	gg	
g	gh	
g	g	
h	h	(130)
h	j	
h	x	
J	dg	
J	dj	
J	d	
J	g	
J	i	
kw	cqu	
ks	x	
kS	x	(140)
kT	th	
k	cc	
k	ch	
k	ck	
k	c	
k	k	
k	lk	
k	qu	
k	q	
l	ll	(150)
l	l	
l	sl	
m	lm	
m	mm	
m	m	
ny	gn	
n	en	
n	gn	
n	kn	
n	nn	(160)
n	n	
N	ng	
N	n	
p	pp	
p	p	
rr	r	
r	er	
r	rr	
r	r	
s	c	(170)
s	sc	
s	ss	

Phoneme(s)	Text Entry	Symbol
s	s	
s	z	
S	c	
S	sh	
S	ss	
S	s	
S	t	
ts	z	(180)
t	d	
t	ed	
t	th	
t	tt	
t	t	
T	th	
v	f	
v	v	
w1AA	oi	
w1UX	o	(190)
wAA	oi	
wUX	o	
w	u	
w	w	
y1UH	u	
y1UW	u	
y1UW	ew	
y1UX	u	
yUH	u	
yUW	ew	(200)
yUW	ieu	
yUW	u	
yUX	u	
yIX	u	
yAX	a	
yAX	u	
yAA	o	
y	i	
y	j	
y	ll	(210)
y	v	
z	es	
z	s	
z	x	
z	z	
Z	g	
Z	j	
Z	ss	
Z	s	
Z	z	(220)

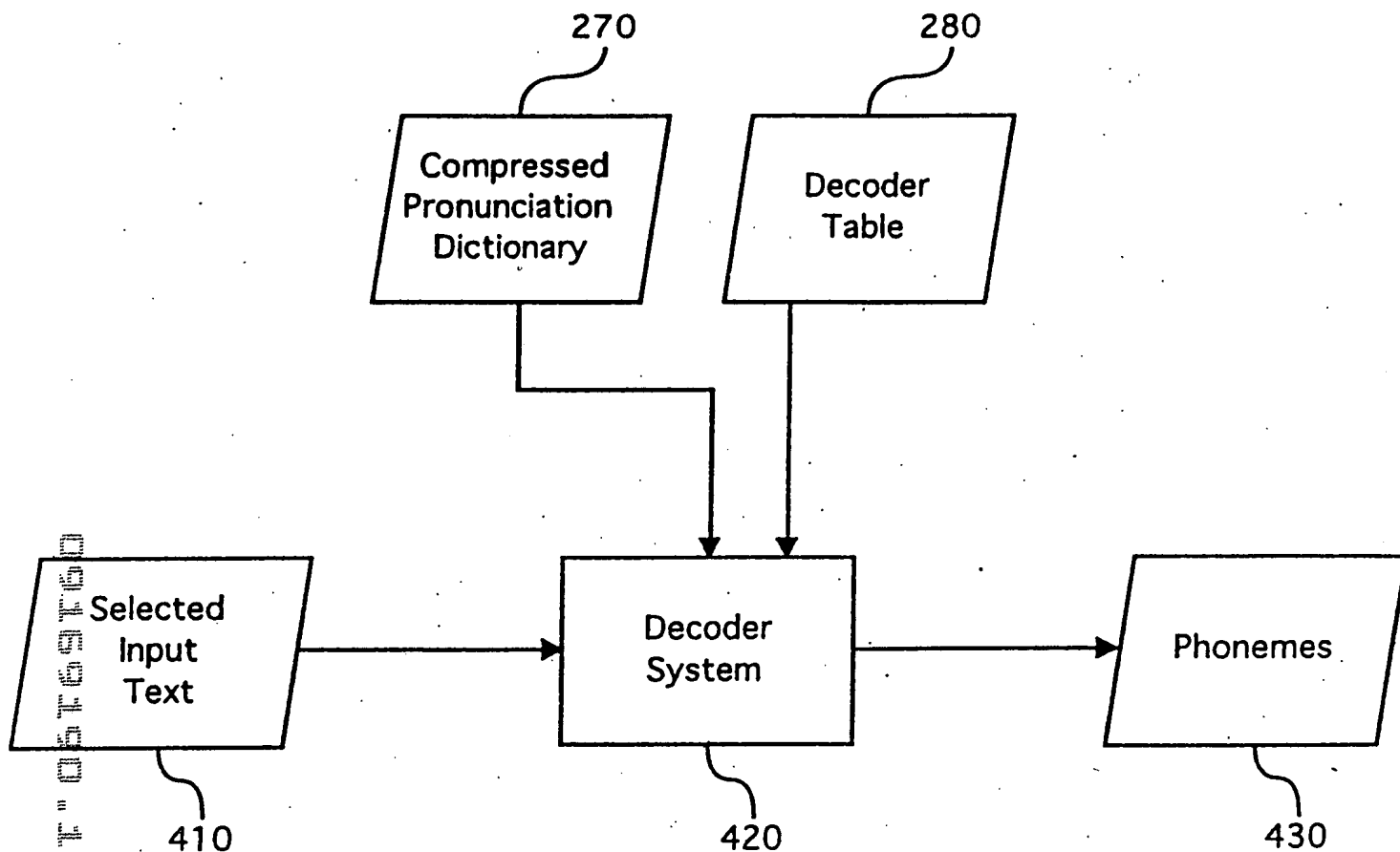


FIG. 4

20160190-100898

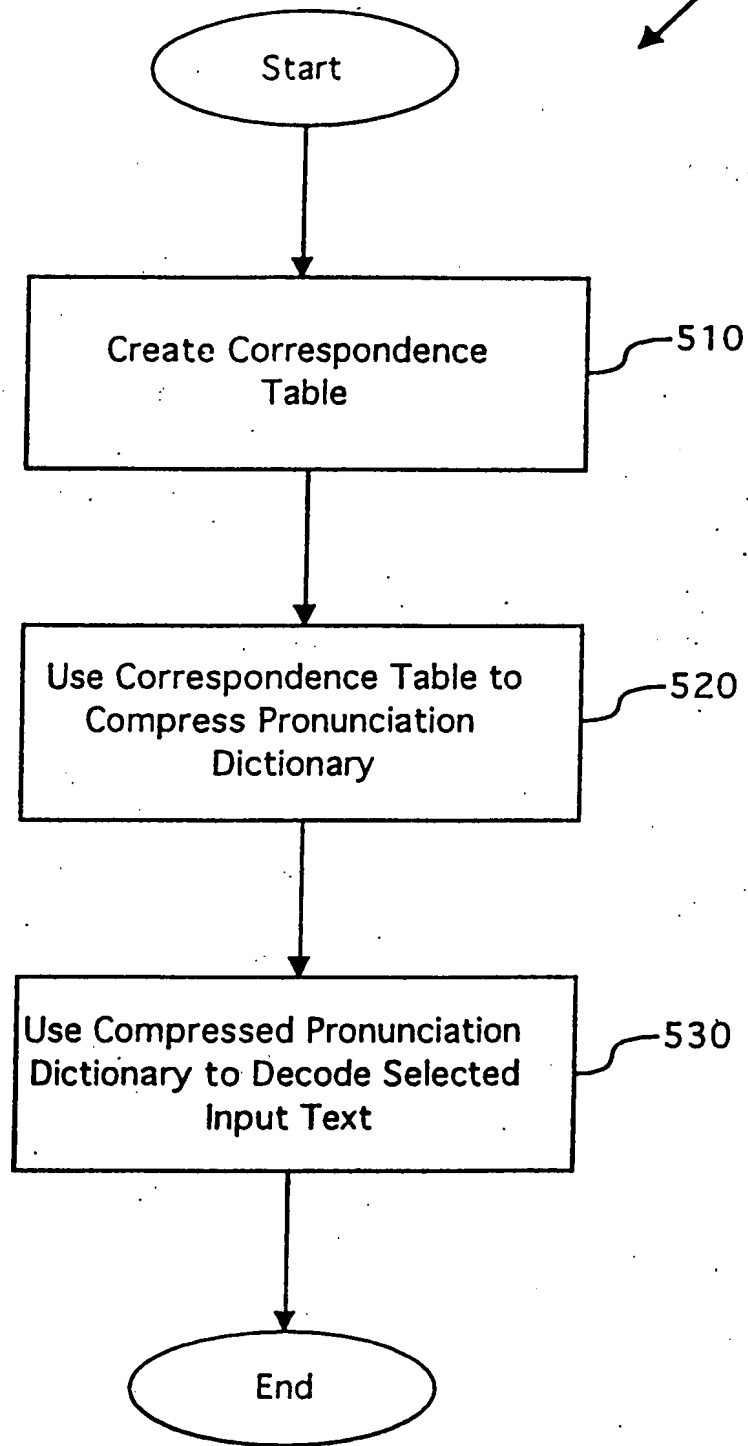
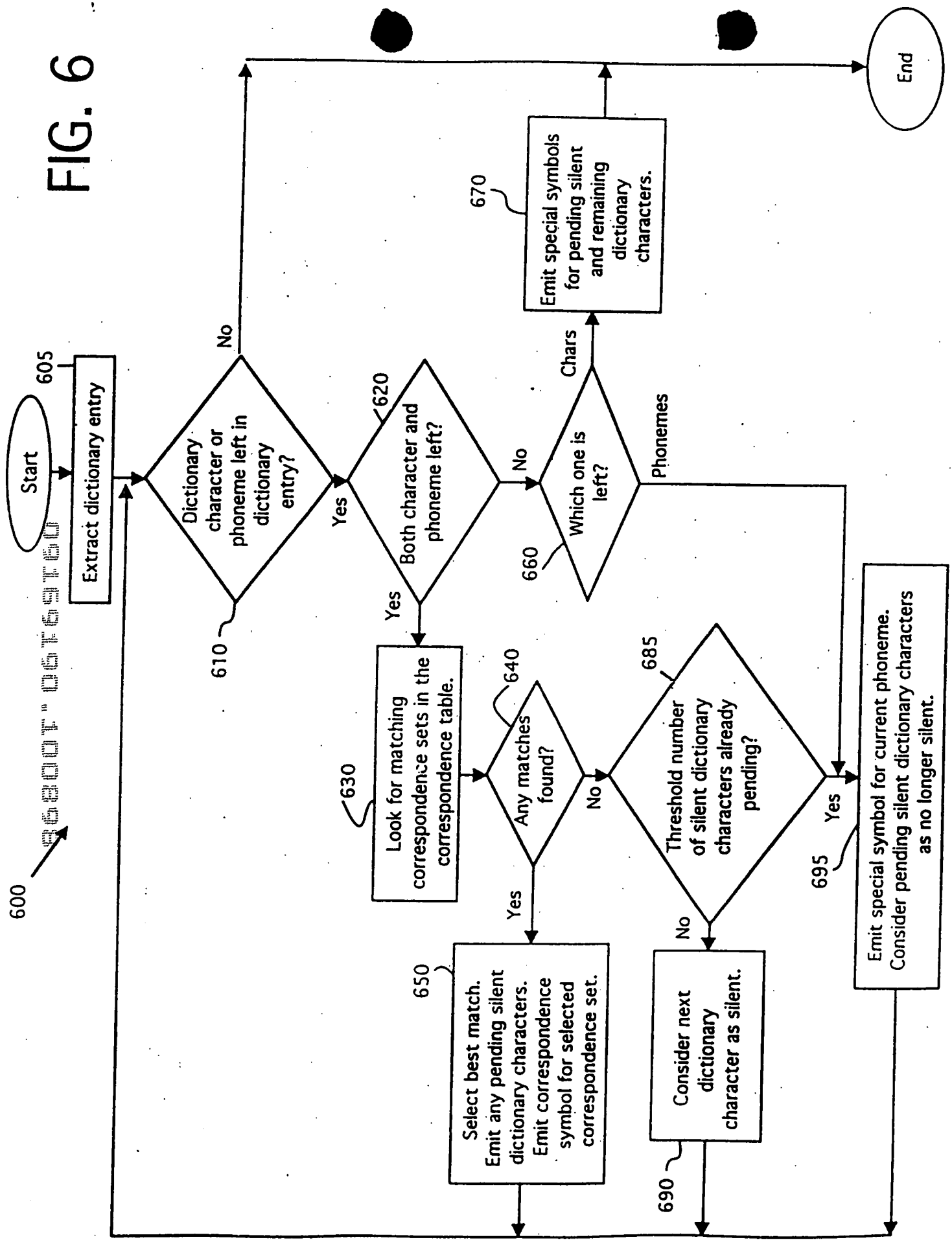


FIG. 5

FIG. 6



Phoneme Set for American English

700
5

Phoneme symbol Example

AE	bat
EY	bait
AO	caught
AX	about
IY	best
EH	bet
IH	bit
AY	bite
IX	roses
AA	cot
UW	boot
UH	book
OW	boat
AW	bout
OY	boy
b	bin
C	chin
d	din
D	them
f	fin
g	gain
h	hat
J	jump
k	kin
l	limb
m	mat
n	nat
N	lang
p	pin
r	ran
s	sin
t	tin
T	thin
v	van
w	wet
y	yet
z	zen
Z	measure

FIG. 7

Additionally, the symbol "1" is used to indicate primary stress.

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